

TEXAS DEPARTMENT OF INSURANCE

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PRODUCT EVALUATION

DR-591

Effective Date: February 1, 2013

Reevaluation Date: **November 2013**

The following product has been evaluated for compliance with the wind loads specified in the **International Residential Code (IRC)** and the **International Building Code (IBC)**.

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code and the Texas Engineering Practice Act.

Series 05 Aluminum Clad Wood Gliding Patio Doors, Non-impact Resistant, manufactured by

Eagle Window and Door
2045 Kerper Blvd
Dubuque, Iowa 52001
Telephone: (800) 324-5354
www.eaglewindow.com

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 05 Aluminum Clad Wood Gliding Patio Door	LC-PG30 96 x 96 - SD	± 30 psf

Product Dimensions:

System	Overall Size	Panel Sizes
1	95 $\frac{3}{4}$ " x 96"	Active: 48 $\frac{7}{16}$ " x 93" Fixed Panel Size: 48 $\frac{7}{16}$ " x 93"

Product Identification (Certification Agency Label on Door):

System		
1	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Eagle Window and Door, Inc.
	Product Name	Gliding patio Door
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

Impact Resistance:

Impact Resistant	Requirement
No	Impact protective system required when product is installed in areas where windborne debris protection is required

Installation: The wall framing shall be minimum Southern Yellow Pine dimension lumber. The door assembly shall be secured to the wall framing using stainless steel installation straps (1 $\frac{1}{4}$ " x 9" x 0.030") along the head and each side jamb. The installation straps are secured to the door frame with four (4) No. 8 x $\frac{5}{8}$ " screws and are secured to the wall framing with two (2) No. 8 x 1 $\frac{1}{2}$ " screws on each side of the strap for a total of four (4) fasteners. The installation straps are required a maximum of 6 inches from each corner and a maximum of 24 inches on center. The sill is secured to the wall framing with No. 8 x

2 ½" screws located a maximum of 6 inches from each corner. The lock jamb is secured to the wall framing with two (2) No. 10 x 2 ½" screws through the keeper. All fasteners shall be long enough to penetrate a minimum of 1 ½ inches into the wall framing.

Note: The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions.